Please type a plus aign (+) inside this box ———————————————————————————————————	PTO/S8/05 (03-01) Approved for use through 10/31/2002, OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE and to a collection of information unless it displays a valid OMB control number.				
UTILITY	Attorney Docket No. PAT 485-2				
PATENT APPLICATION	First Inventor LAUKS, Imants R.				
TRANSMITTAL	Title Integrated Electrokinetic				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No.				
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Box Patent Application Washington, DC 20231				
1. A Fee Transmittal Form (e.g., PTO/SB/17) (Submit an extinal and a displicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 43] (preferred strangement set forth below) - Descriptive title of the invention - Croes Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1] 5. Oath or Declaration [Total Pages 3] 8. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuationidivisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement ettached deleting inventor(e) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying Identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 11. English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically Itemized) 15. (Strolid Description Request under 35 U.S.C. 122 (b)(2)(B)(I). Applicant must attach form PTO/SB/35				
6. Application Data Sheet. See 37 CFR 1.76	or its equivalent.				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite Information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:					
Customer Number or Bar Code Label Or Conespondence address below					
28 Customer Number of Bar Code Labor					
Name 26123	3				
PATENT TRADEMAR	(OFFICE				
Address , City	State Zip Code				
	lephone Fax				
Name (Print/Type) Martin J. Marcus	Registration No. (Attorneyl Agent) 18,823				
Name (PrintlType)					

Burden Hour Statement: This form the estimated to take 0.2 hours to complete. Time will very depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Waehington, DC 20231.

PTO/S9/17 (11-00)
Approved for use through 10/31/2002. OM8 9851-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to:	U.S. Palant and Trabemark Office; U.S. DEPAR IMENT OF COMMERCE respond to a collection of information unless it displays a valid QMS control number.			
CEE TO A NOMITTAL	Complete if Known			
FEE TRANSMITTAL	Application Number			
for FY 2001	Filing Date			

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

	(\$)	6	7	9	-	0	0
--	------	---	---	---	---	---	---

Complete if Known			
Application Number			
Filing Date			
First Named Inventor	LAURS, Imants R.		
Examiner Name			
Group Art Unit			
Attorney Docket No.	PAT 485-2		

The Commissioner is hereby authorized to change people of the point Account Soll 593 Deposit Account Soll 593 Soll 593 Soll 593 Soll 593 Soll 593 Soll 595 Soll 5	METHOD OF PAYMENT	FEE CALCULATION (continued)			
Depocition	1 1 1 1 1 1 1	3. ADDITIONAL FEES			
South Sout	- Indicated 1963 and credit any overpayments to:				
DORDEL BORDE BOR	Account 501593				
Charge Any Adultional Fee Required 127 50 227 25 Surcharge - late filing fee or cosh 127 50 227 25 Surcharge - late provisional filing fee or cover sheet. 128 130 139 130 1			T		
127 50 227 25 Surcharge - late provisional filing fee or cover sheet 178 189 130	Account BORDEPERSON ACCOUNT BORDEPERSON ACCOUNT	105 130 205 65 Surcharge - late filing fee or oath	\dashv		
Applicant colonis small antity slature 139 130 139 130 Non-English specification 147 2,520 147	Cherge Any Additional Fee Required		4		
147 2,520 For filing a (equest for expand reasonination of SIR prior to Examiner action of SIR prior action of SIR prior to Examine action of SIR prior to Examine action of SIR prior	Applicant claims amail antity elatue	139 130 139 130 Non-English specification	4		
Check Credit card Money Order Other Other Order Other Order Order Other Order Order Other Order Other Order	See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination	_		
State Content Conten					
1. BASIC FILING FEE			٦		
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Description Code (\$) Fee Paid 117 880 217 445 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 895 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 118 1,390 218 1985 Extension for reply within fourth month 128 1890 128 189	FEE CALCULATION	Examiner action	\dashv		
Large Entity Small Entity Fee	1. BASIC FILING FEE	, ,	+		
Code (\$) Code (\$) Code (\$) Fee Paid 118 1,390 218 895 Extension for reply within fourth month 101 710 201 355 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 228 945 Extension for reply within fifth month 128 1,890 218 138 1,510 138 1,51		116 390 216 195 Extension for reply within second month	\dashv		
101 710 201 355 Utility filing fee 355. 108 320 206 160 Design filing fee 107 490 207 245 Plant filing fee 108 710 208 355 Reissus filing fee 114 150 214 75 Provisional filing fee 114 150 214 75 Provisional filing fee 115 310 220 155 Filing a brief in support of an appeal 127 270 221 135 Request for orel hearing 138 1,510 138 1,510 138 1,510 Petition to institute a public use proceeding 138 1,510 138 1,510 Petition to revive - unavoidable 141 1,240 241 620 Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or refesue) Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to freive - unintentional 142 1,240 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 122 130 122 130 Petition to revive - unintentional 144 600 244 300 Pitant issue fee 122 130 122 130 Petition to revive - unintentional 143 440 243 220 Design issue fee 124 144 600 244 300 Pitant issue fee 125 130 122 130 Petition to revive - unintentional 144 600 244 300 Pitant issue fee 124 144 600 244 300 Pitant issue fee 125 130 122 130 Petition to revive - unintentional 144 600 244 300 Pitant issue fee 125 130 122 130 Petition to revive - unintentional 144 600 244 300 Pitant issue fee 125 130 122 130 Petition to revive - unintentional 144 600 244 300 Pitant issue fee 125 130 122 130 Petition to revive - unintentional 145 145 145 145 145 145 145 145 145 145			\dashv		
108 320 206 160 Design filing fee 128 1,890 228 945 Extension for reply within fifth month 120 310 710 208 355 Reissus filing fee 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 121 270 221 135 Request for oral hearing 122 270 221 135 Request for oral hearing 122 270 221 135 Request for oral hearing 122 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for oral hearing 120 310 220 155 Filing a public use proceeding 121 270 221 135 Request for oral hearing 120 310 220 220 120 200 200 200 200 120 30 30 30 Calama In excess of 20 30 30 30 Calama In excess of 30 30 30 Ca		118 1,390 218 895 Extension for reply within fourth month	+		
110		128 1,890 228 945 Extension for reply within fifth month	4		
SUBTOTAL (1) (\$) 355. 12. EXTRA CLAIM FEES Total Claims Independent Claims Multiple Dependent Claims Multiple Dependent 103 16 203 9 Claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 105 80 209 40 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$) 324. 121 270 221 135 Request for oral hearing 138 1,510 138 1,510 140 110 240 55 Petition to revive - unavoidable 141 1,240 241 620 Petition to revive - unavoidable 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Dealgn Issue fee 144 600 244 30 Plant Issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 126 180 Submission of information Diaclosure Stint Fee Fee Fee Fee Fee Fee Deacription 149 710 249 355 Filling a submission after final rejection (37 CFR § 1.129(a)) 159 80 209 40 "Reissue claims in excess of 20 and over original patent 150 180 126 180 Submission after final rejection (37 CFR § 1.129(a)) 160 180 180 180 180 Submission after final rejection (37 CFR § 1.129(a)) 179 710 249 355 Fee feet additional Invention to be examined (37 CFR § 1.129(b)) 189 900 169 900 Request for expedited examination of a design application	107 490 207 245 Plant filing fee	119 310 219 155 Notice of Appeal	4		
SUBTOTAL (1) (\$) 355. 2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid 142 1,240 242 620 Utility issue fee (or refessue) 143 440 243 220 Design issue fee Claims 144 600 244 300 Ptant issue fee Claims 145 600 244 300 244 300 Ptant issue fee 145 600 244 300 244 300 244 300 244 300 244 300 244 300 244 300 244 300 244 300 244 300 244 300 244 3	108 710 208 355 Roissus filing fee	120 310 220 155 Filing a brief in support of an appeal	4		
SUBTOTAL (1) (\$) 355. 140 110 240 55 Petition to revive - unavoidable 2. EXTRA CLAIM FEES Extra Claims	114 150 214 75 Provisional filing (se	121 270 221 135 Request for oral hearing	4		
2. EXTRA CLAIM FEES Extra Claims Fee from below Fee Paid Fee from below Fee f	SUPTOTAL (4) (5) 355	138 1,510 138 1,510 Petition to institute a public use proceeding	4		
Total Claims Independent		140 110 240 55 Petition to revive - unavoidable	$\exists 1$		
Extra Claims below Fee Paid Independent 3 - 3 - 2		141 1,240 241 620 Petition to revive - unintentional	\dashv		
Independent 3	Extra Claims below Fee Paid		-		
Claims Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Pee Pee Deacription Code (\$\$) Code (\$\$) 103 16 203 9 Claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 104 270 204 135 Multiple dependent claims in finit paid 109 80 209 40 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Processing fee under 37 CFR 1.17(q) 126 180 126 180 Submission of Information Diaclosure Stmt Feel Fee Fee Fee Fee Fee Fee Fee Fee Fe	Indiana de la		\exists		
Large Entity Small Entity Fee	Claims		1		
Large Entity Small Entity Fee	Multiple Dependent		-		
Fee Fee Fee Fee Fee Fee Fee Fee Fee Peacription Code (\$) Code (\$) 103 16 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims in excess of 3 105 80 209 40 Ressue independent claims over original patent 106 18 210 9 Relsaue claims in excess of 20 107 279 355 Request for Continued Examination (RCE) 108 80 209 40 Relsaue claims in excess of 20 109 80 209 40 Relsaue claims in excess of 20 109 80 209 40 Relsaue claims in excess of 20 100 18 210 9 Relsaue claims in excess of 20 100 249 355 For each additional invention to be examined (37 CFR § 1.129(a)) 109 80 209 40 Request for continued Examination (RCE) 109 900 169 900 Request for expedited examination of a design application 109 900 169 900 Request for expedited examination of a design application	I sees Fatity Small Entity		-		
103 16 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claims of properties (37 CFR § 1.129(a)) 109 80 209 40 "Reissue independent claims over original patent (37 CFR § 1.129(b)) 110 18 210 9 "Reissue claims in excess of 20 and over original patent (5) 3 2 4 . SUBTOTAL (2) (S) 3 2 4 . 146 710 246 355 Filling a submission after final rejection (37 CFR § 1.129(a)) 149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b)) 179 710 279 355 Request for Continued Examination (RCE) 189 900 169 900 Request for expedited examination of a design application (CFR)	Fee Fee Fee Fee Deacription	126 180 126 180 Submission of Information Diadosure Stat	\dashv		
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 "Reissuc independent claims over original patent 110 18 210 9 "Reissuc claims in excess of 20 and over original patent SUBTOTAL (2) (\$\frac{3}{24}\$. (37 \textit{CFR} \frac{5}{1.129(6)}) 149 710 249 355 For each additional invention to be examined (37 \textit{CFR} \frac{5}{1.129(6)}) 179 710 279 355 Request for Continued Examination (RCE) 189 900 169 900 Request for expedited examination of a design application Other fee (specify)			-		
104 270 204 135 Multiple dependent claim, if not paid 109 80 209 40 Reissue independent claims over original patent 110 18 210 9 Reissue claims in excess of 20 and over original patent 179 710 279 355 Request for Continued Examination (RCE) 189 900 169 900 Request for expedited examination of a design application Other fee (specify)					
109 80 209 40	, , , , , , , , , , , , , , , , , , , ,		11		
SUBTOTAL (2) SUBTOTAL (2) Request for expedited examination of a design application Other fee (specify)	over ariginal patent	examined (37 CFR § 1.129(b))	\parallel		
SUBTOTAL (2) (\$) 324. Other fee (specify)			\exists		
SUBTOTAL (2) Unter the (specify)			4		
**or number previously paid, if greater; For Reissucs, see above Reduced by Baald Filling Fee Paid SUBTOTAL (3)	SUBTOTAL (2) (\$) 324.	Other fee (speafy)	4		
	or number previously paid, if greater; For Reissucs, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY Complete (# applicootic)					(applicable)
Name (PrintType)	Martin J. Marcus	Registration No. (Attamey/Agent)	18,823	Telephone	613-237-5160
Signature	Mant Muca			Date	4JUNEO1

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.